PENTIAL CLASSIFICATION

INFORMATION REPORT

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COUNTRY Yugoslavia DATE DISTR.

SUBJECT

Approved For Release

Air Landing Safety Instruments Used at Zemun Airfield.

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SUPPLEMENT TO REPORT NO.

 In order to concentrate and efficiently organize landing safety techniques at Zemun Airfield, only one airstrip has been set up for landings under 25X1X conditions of poor visibility (IFR conditions).

- The following instruments and techniques are either planned or are in actual use at Zemun:
 - A multidirectional Navigational Radio Beacon (Radiofar).
 - A Directional Radio Beacon or Radio Range. The use of this equipment is only projected, since at present Yugoslavia cannot afford to import
 - A Vertical Radio Beacon.
 - d. An Instrument Landing System (ILS2), not yet obtained. It is planned to purchase Standard Beam Approach (SBA) equipment if ILS2 cannot be purchased.
 - A Medium-Mave Goniometer.
 - A Lateral-Medium-Cave Goniometer.
 - A Short-Wave Goniometer.
 - A Control Tower.
 - i. Landing lights, arranged in two rows, the first a continuation of the axis of the instrument landing strip, the second at the end of the first and perpendicular to it.
 - j. Landing strip illumination, consisting of strong lights of various colors placed along the edge of and at both ends of the instrument landing strip.
 - Obstacle illumination, accomplished by placing red lights next to all objects above a certain unspecified height, within three to four

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kilometers from the airfield. These lights can be illuminated from the airfield.

- 1. A Light Feacon.
- m. Teletyre, telegraph, and telephone are all used in the communication system of the airfield.
- n. Radio is used for maintaining contact with other airfields.
- o. A high frequency OMNI (VHF) omnidirectional radio range beacon of British manufacture which was installed at Temun in March 1950 by United States specialists. It is still the property of the United States Government. At present Yugoslav planes lack the equipment necessary to use this beacon but at least two such installations for JAT planes are expected to arrive during the summer of 1950.
- F. An Air Channel (Aviokanal), radio equipment used to maintain contact between air and ground.
- q. A meteorological station.

A considerable portion of this equipment is in a poor state of repair. Cadets from the Air Force training school in Pancevo come regularly to the Temun airfield to study individual pieces of equipment.

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